



Combined Form PTO/SB/08A&B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/572,753
Confirmation Number	9440
Application Filing Date	March 21, 2006
First Named Inventor	Hajime NAKAMURA
Art Unit	1793
Examiner Name	Matthew E. Hoban
Attorney Docket Number	062281

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
	1	US 2009/0098006	A1	04-16-2009	Nakamura et al.
	2	US 2007/0240789	A1	10-18-2007	Nakamura et al.
	3	US 2008/0247898	A1	10-09-2008	Nakamura et al.
	4	US 2008/0223489	A1	09-18-2008	Nagata et al.
	5	US 5,034,146	A	07-23-1991	Ohashi et al.
	6	US 6,606,019	B1	08-12-2003	Ohashi
	7	US 2008/0245442	A1	10-09-2008	Nakamura et al.
	8	US 5,405,455	A	04-11-1995	Kusunoki et al.
	9	US 2006/0278517	A1	12-14-2006	Machida et al.
	10	US 2007/0034299	A1	02-15-2007	Machida et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	1	WO	2007-119551	A1	10-25-2007	Shin-Etsu Chemical Co., Ltd.	
	2	WO	2006-043348	A1	04-27-2006	Shin-Etsu Chemical Co., Ltd.	
	3	JP	2007-53351 (w/ Eng. Abst.)	A	03-01-2007	Shin-Etsu Chemical Co., Ltd.	
	4	JP	05-021218 (w/ Eng. Abstract)	A	01-29-1993	Shin-Etsu Chemical Co., Ltd.	
	5	JP	1-117303 (w/ Eng. Abstract)	A	05-10-1989	Taiyo Yuden Co., Ltd.	
	6	WO	2006-003882 (w/ Eng. Abst.)	A1	01-12-2006	Shin-Etsu Chemical Co., Ltd.	
	7	JP	2005-285861 (w/ Eng. Abstr.)	A	10-13-2005	TDK Corp	
	8	JP	6-158238 (w/ Eng. Abstract)	A	06-07-1994	Sumitomo Special Metals Co Ltd	
	9	EP	1643513	A1	04-05-2006	Japan Science And Technology Agency	
	10	EP	1705671	A2	09-27-2006	Shin-Etsu Chemical Co., Ltd.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	1	International Search Report of PCT/JP2007/056594, date of mailing July 10, 2007.	
	2	International Search Report of PCT/JP2007/056586, date of mailing June 19, 2007.	
	3	"Shin-Etsu Chemical develops new high-performance technology for neodymium rare-earth magnets", Shin-Etsu News, press release in Tokyo, March 24, 2005	Yes
	4	The Nikkan Kogyo Shimbun, reporting the press release, March 24, 2007	No
	5	The Dempa Shimbun, reporting the press release, March 25, 2007	No
	6	The Kagaku Kogyo Nippo, reporting the press release, March 25, 2007	No
	7	The Sekiyo Kagaku Shimbun Nihkan Tsuchin, reporting the press release, March 25, 2007	No

Examiner Signature	Date Considered
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	11	EP	1705668	A2	09-27-2006	Shin-Etsu Chemical Co., Ltd.	
	12	EP	1705669	A2	09-27-2006	Shin-Etsu Chemical Co., Ltd.	
	13	EP	1705670	A2	09-27-2006	Shin-Etsu Chemical Co., Ltd.	
	14	JP	2004-296973 (w/ Eng. abstr.)	A	10-21-2004	Kenichi Machida	
	15	JP	01-155603 (w/ Eng. abstract)	A	06-19-1989	Tohoku Metal Ind Ltd	
	16	JP	62-256412 (w/ Eng. abstract)	A	11-09-1987	Tohoku Metal Ind Ltd	
	17	EP	0255939	A2	02-17-1988	Sumitomo Special Metals Co., Ltd.	
	18	JP	04-328204 (w/ Eng. abstract)	A	11-17-1992	Kashiyuu International Trading KK	
	19	RU	2 136 068 (w/ Eng. abstract)	C1	08-27-1999	Savich Aleksandr Nikolaevich et al.	
	20	SU	1 513 738 (w/ Eng. abstract)	A1	04-20-1995	Filial Vsesojuznogo nauchno-issledovatel'skogo instituta ehlektromekhaniki	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	8	The Nihon Chemical News, reporting the press release, March 25, 2007	No
	9	Nikkei Net, reporting the press release, March 25, 2007	No
	10	Hajime Nakamura, "Nd-Fe-B Sintered Magnets Produced by the Grain Boundary Diffusion Process", Bulletin of Topical Symposium of the Magnetic Society of Japan, March 14, 2006, pages 13-18,	Yes
	11	IEEE International Magnetism Conference, May 8-12, 2006, Page 910	Yes
	12	Digest of the 30 th Annual Conference on MAGNETICS in Japan 2006, Pages 417-418	Yes
	13	European Search Report dated June 4, 2008, issued in corresponding European Patent Application Number 07251603.2.	No

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	14	USSN 11/916,498 filed December 4, 2007 entitled METHOD FOR PREPARING RARE EARTH PERMANENT MAGNET MATERIAL.	
	15	European Search Report dated March 31, 2008, issued in corresponding European Patent Application Number 07254503.	
	16	HIROTA, K. et al.; "Coercivity Enhancement by the Grain Boundary Diffusion Process to Nd-Fe-B Sintered Magnets"; IEEE TRANSACTIONS ON MAGNETICS, Vol. 42, No. 10, pp. 2909-2911, XP002463459, October 2006	
	17	European Search Report dated June 26, 2008, issued in corresponding European Patent Application Number 08250927.4.	
	18	QIN, C-D et al., "The protective coatings of NdFeB magnets by Al and Al(Fe)", Journal of Applied Physics, American Institute of Physics, vol.79, no. 8, pp. 4854-4856, April 15, 1996	
	19	Russian Decision on Grant dated March 18, 2009, issued in corresponding Russian patent application No. 2006117529/02	Yes

Examiner Signature	/Matthew Hoban/	Date Considered	06/20/2009
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